

Appendix C
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**PAT.
NO.** **Title**

- 1 [6,849,881](#) **Optical semiconductor device comprising a multiple quantum well structure**
- 2 [6,830,964](#) **Method for making semiconductor device including band-engineered superlattice**
- 3 [6,784,515](#) **Semiconductor integrated circuit device**
- 4 [6,784,076](#) **Process for making a silicon-on-insulator ledge by implanting ions from silicon source**
- 5 [6,756,071](#) **Method for manufacturing a GMR spin valve having a smooth interface between magnetic and non-magnetic layers**
- 6 [6,627,302](#) **Lubricant overcoat for recording media and a process for making the same**
- 7 [6,620,724](#) **Low resistivity deep trench fill for DRAM and EDRAM applications**
- 8 [6,599,781](#) **Solid state device**
- 9 [6,579,635](#) **Smoothing and stabilization of domain walls in perpendicularly polarized magnetic films**
- 10 [6,549,454](#) **TMR material having a substantially smooth and continuous ultra-thin magnetic layer**
- 11 [6,545,329](#) **High sensitivity polarized-light discriminator device**
- 12 [6,538,375](#) **Oled fiber light source**
- 13 [6,507,044](#) **Position-selective and material-selective silicon etching to form measurement structures for semiconductor fabrication**
- 14 [6,479,096](#) **Method for manufacturing a GMR spin valve having a smooth interface between magnetic and non-magnetic layers**
- 15 [6,347,284](#) **System for prediction of adhesion energy at interface between dissimilar materials and method thereof**
- 16 [6,339,022](#) **Method of annealing copper metallurgy**
- 17 [6,245,161](#) **Economical silicon-on-silicon hybrid wafer assembly**

18 6,023,128 **T** Electroluminescent layer arrangement with organic spacers joining clusters of nanomaterial
19 6,017,401 **T** Conductivity improvement in thin films of refractory metal
20 5,986,613 **T** Electric contact and process for producing electric contact
21 5,986,287 **T** Semiconductor structure for a transistor
22 5,929,746 **T** Surface mounted thin film voltage divider
23 5,898,269 **T** Electron sources having shielded cathodes
24 5,815,008 **T** Resonant tunneling diode structures for functionally complete low-power logic
25 5,801,539 **T** Moisture sensor for a windshield
26 5,744,375 **T** Capped anneal
27 5,739,552 **T** Semiconductor light emitting diode producing visible light
28 5,729,580 **T** Hydrogen ion array acceleration generator and method
29 5,698,997 **T** Resonant tunneling diode structures for functionally complete low power logic
30 5,659,188 **T** Capped anneal
31 5,635,627 **T** Carbon monoxide sensor having mercury doped electrodes
32 5,598,146 **T** Rain sensor
33 5,556,825 **T** Automotive catalysts with improved oxygen storage and metal dispersion
34 5,534,296 **T** Process for the pre-treatment of light metals and articles produced
35 5,528,614 **T** Quantum well semiconductor laser device structure
36 5,482,890 **T** Method of fabricating quantum dot structures
37 5,443,663 **T** Plasma nitrided titanium and titanium alloy products
38 5,408,575 **T** Automotive fan controller
39 5,391,515 **T** Capped anneal
40 5,380,451 **T** Bath for the pre-treatment of light metals
41 5,342,693 **T** Multifunctional thrombo-resistant coating and methods of manufacture
42 5,341,006 **T** Semiconductor device having diffusion-preventing layer between III-V layer and IV layer
43 5,340,408 **T** Inverse delta-doping for improved open circuit voltage of solar cells or photo diodes
44 5,334,264 **T** Titanium plasma nitriding intensified by thermionic emission source
45 5,270,225 **T** Method of making a resonant tunneling semiconductor device
46 5,262,451 **T** Multifunctional thrombo-resistant coatings and methods of manufacture
47 5,243,197 **T** Semiconductor device for generating an electron current
48 5,182,317 **T** Multifunctional thrombo-resistant coatings and methods of manufacture
49 5,107,314 **T** Gallium antimonide field-effect transistor
50 5,060,030 **T** Pseudomorphic HEMT having strained compensation layer

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PAT. NO. Title

51 5,049,951 [Superlattice field effect transistor with monolayer confinement](#)
52 5,031,012 [Devices having asymmetric delta-doping](#)
53 4,974,044 [Devices having asymmetric delta-doping](#)
54 4,926,221 [Bipolar hot electron transistor](#)
55 4,864,462 [Capacitive gas detector having a solid rare earth fluoride dielectric](#)
56 4,828,628 [Solar cell](#)
57 4,795,968 [Gas detection method and apparatus using chemisorption and/or physisorption](#)
58 4,684,565 [X-ray mirrors made from multi-layered material](#)
59 4,675,708 [Semiconductor superlattice structure](#)
60 4,565,744 [Wettable coating for reinforcement particles of metal matrix composite](#)
61 4,485,265 [Photovoltaic cell](#)
62 4,485,124 [Evaporation of blooming layers onto optical substrates](#)
63 4,383,130 [Solar energy cell and method of manufacture](#)
64 4,232,097 [Fuel cell oxygen electrode](#)
65 4,218,507 [Coated particles and process of preparing same](#)
66 4,008,052 [Method for improving metallurgical bond in bimetallic castings](#)
67 3,975,211 [Solar cells and method for making same](#)

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